

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
 AN 2003:633660 CAPLUS  
 DN 139:179976  
 TI Preparation of piperidinylcarboxamide derivatives and their use in the  
 treatment of tachykinin-mediated diseases  
 IN Alvaro, Giuseppe; Paio, Alfredo; Pontiroli, Alessandro; Spada, Simone;  
 Tranquillini, Maria Elvira  
 PA Glaxo Group Limited, UK  
 SO PCT Int. Appl., 71 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003066589	A1	20030814	WO 2003-GB499	20030205 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003244455	A1	20030902	AU 2003-244455	20030205
	EP 1472222	A1	20041103	EP 2003-737364	20030205
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2005522436	T	20050728	JP 2003-565964	20030205
	US 2005171153	A1	20050804	US 2005-502266	20050317
PRAI	GB 2002-3019	A	20020208		
	GB 2002-3021	A	20020208		
	WO 2003-GB499	W	20030205		
OS	MARPAT 139:179976				
GI					

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [R = halo, alkyl; R1 = H, alkyl; R2 = H, alkyl or R2-3 together = cycloalkyl; R4 = CF3, alkyl, alkoxy, CF3O, halo; R5-6 = H, amino; m, n = 1-3] are prepared For instance, (2R)-2-(4-fluoro-2-methylphenyl)-4-oxopiperidine-1-carboxylic acid N-[(1R)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl]-N-methylamide (preparation given) was alkylated with 2,2,2-trifluoroethylamine (1,2-dichloroethane, NaBH(OAc)3) to give II. Example compds. of the invention have pKi = 8.24-0.21 for the NK1 receptor.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 16:03:12 ON 19 FEB 2008)

FILE 'CAPLUS' ENTERED AT 16:03:53 ON 19 FEB 2008

L1 1 S WO2003066589/PN  
L2 ANALYZE L1 1 RN : 153 TERMS

FILE 'REGISTRY' ENTERED AT 16:04:35 ON 19 FEB 2008

L3 153 S L2  
L4 118 S L3 AND PIPERIDIN?  
L5 49 S L4 AND CARBOXYLIC  
L6 34 S L4 AND (1(5A)CARBOXYL?)  
L7 153 S L2  
L8 75 S L7 AND (4(10A)?AMINO)

FILE 'CAPLUS' ENTERED AT 16:10:57 ON 19 FEB 2008

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.39	56.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-1.60

FILE 'REGISTRY' ENTERED AT 16:11:15 ON 19 FEB 2008  
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STRUCTURE FILE UPDATES: 18 FEB 2008 HIGHEST RN 1004360-55-7  
DICTIONARY FILE UPDATES: 18 FEB 2008 HIGHEST RN 1004360-55-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
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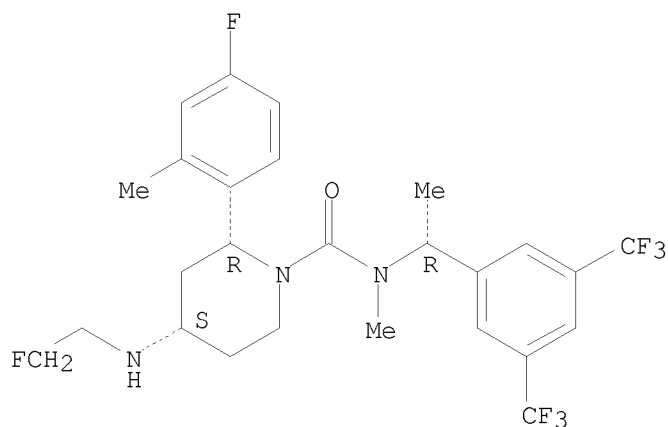
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d scan l8

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
hyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
(2R,4S)-  
MF C26 H29 F8 N3 O  
CI COM

Absolute stereochemistry.

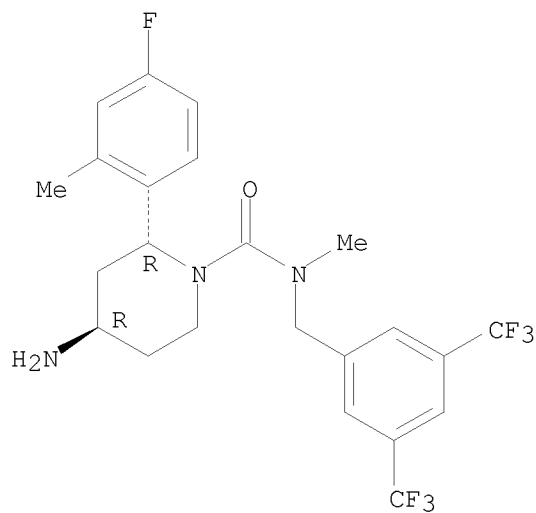


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):74

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-bis(trifluoromethyl)phenyl)methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-rel-  
 MF C23 H24 F7 N3 O  
 CI COM

Relative stereochemistry.

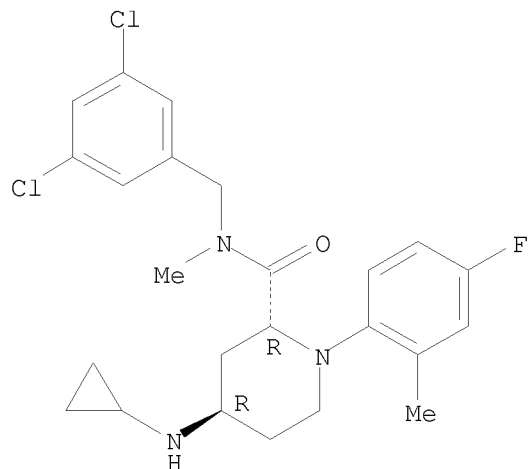


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, 4-(cyclopropylamino)-N-[(3,5-dichlorophenyl)methyl]-1-(4-fluoro-2-methylphenyl)-N-methyl-,

(2R,4R)-rel-  
 MF C24 H28 Cl2 F N3 O  
 CI COM

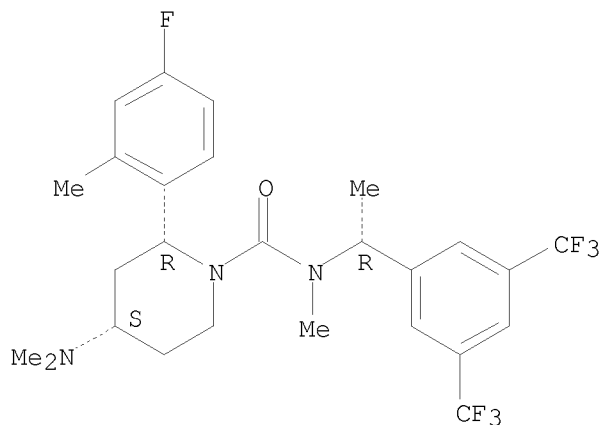
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4S)- (9CI)  
 MF C26 H30 F7 N3 O . Cl H

Absolute stereochemistry.

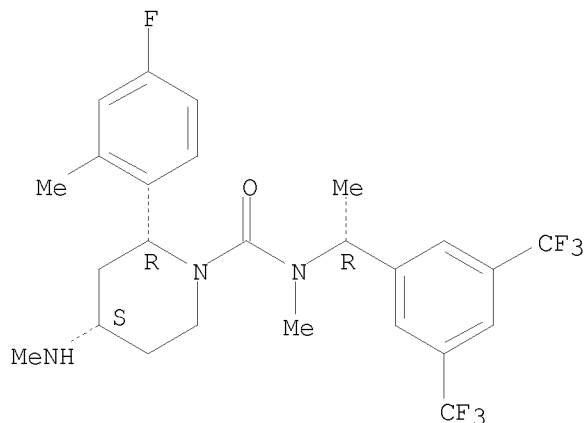


● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et

hyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-,  
monohydrochloride, (2R,4S)- (9CI)  
MF C25 H28 F7 N3 O . Cl H

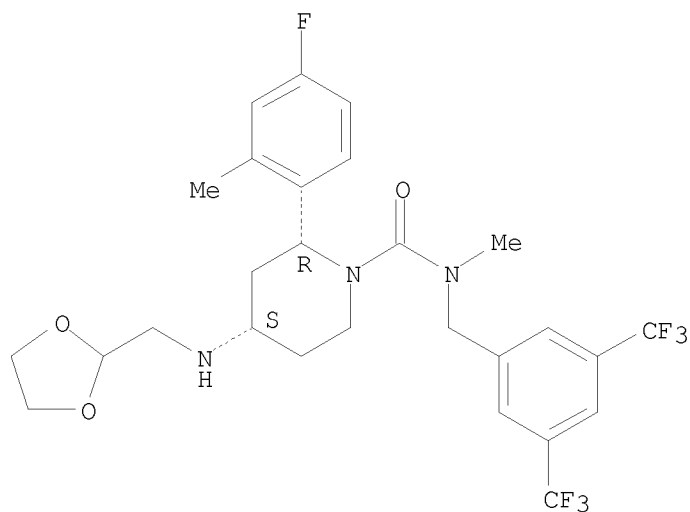
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
[(1,3-dioxolan-2-ylmethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
(2R,4S)-rel-  
MF C27 H30 F7 N3 O3

Relative stereochemistry.

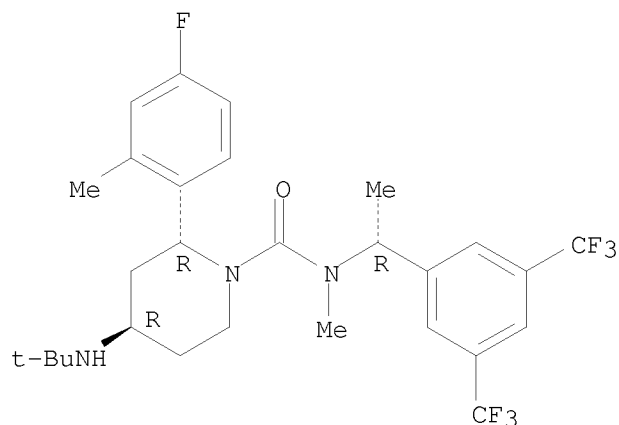


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(1,1-dimethylethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C28 H34 F7 N3 O  
 CI COM

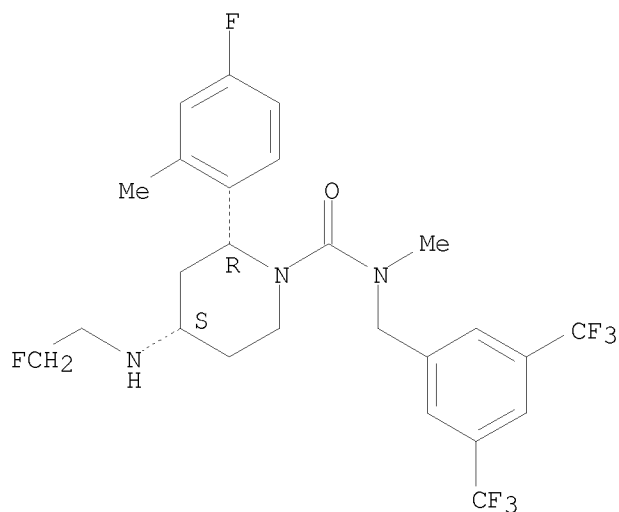
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
 MF C25 H27 F8 N3 O  
 CI COM

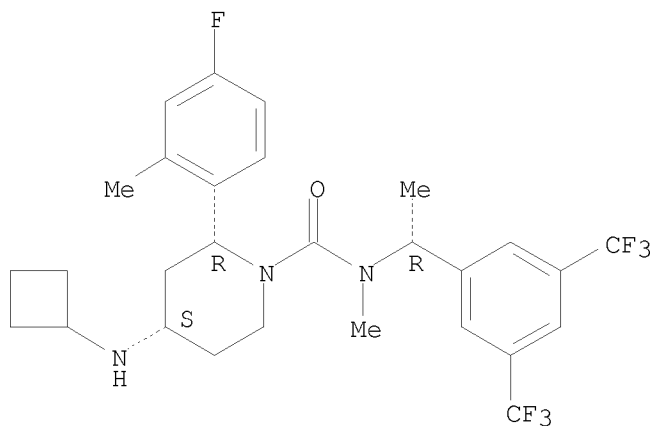
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclobutylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
 MF C28 H32 F7 N3 O  
 CI COM

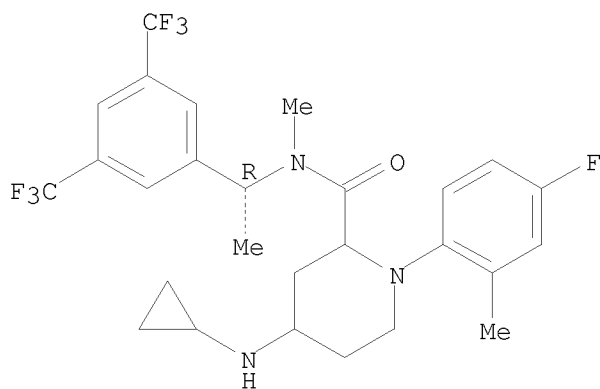
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclopropylamino)-1-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride (9CI)  
 MF C27 H30 F7 N3 O . Cl H

Absolute stereochemistry.



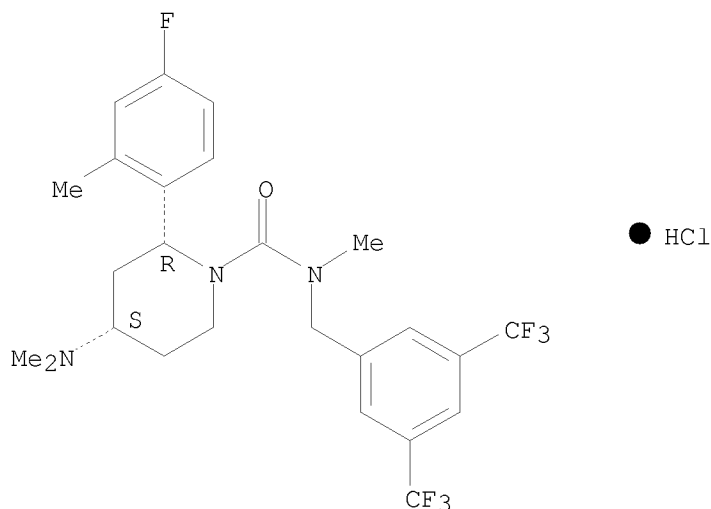
● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-

(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride,  
(2R,4S)- (9CI)

MF C25 H28 F7 N3 O . Cl H

Absolute stereochemistry.

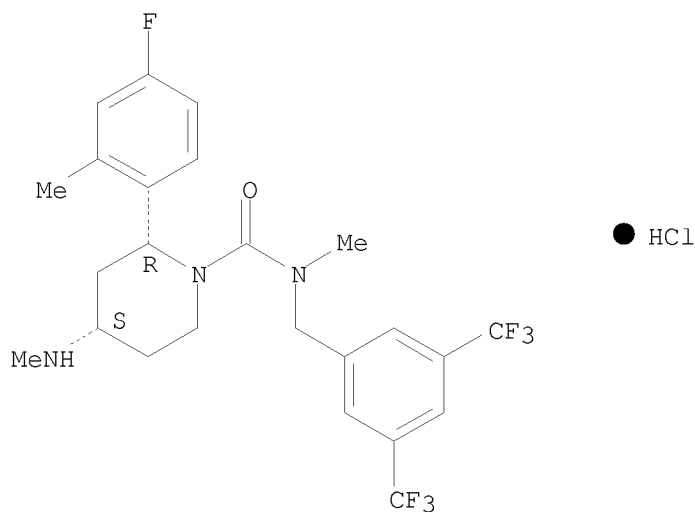


L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, monohydrochloride, (2R,4S)-rel- (9CI)

MF C24 H26 F7 N3 O . Cl H

Relative stereochemistry.

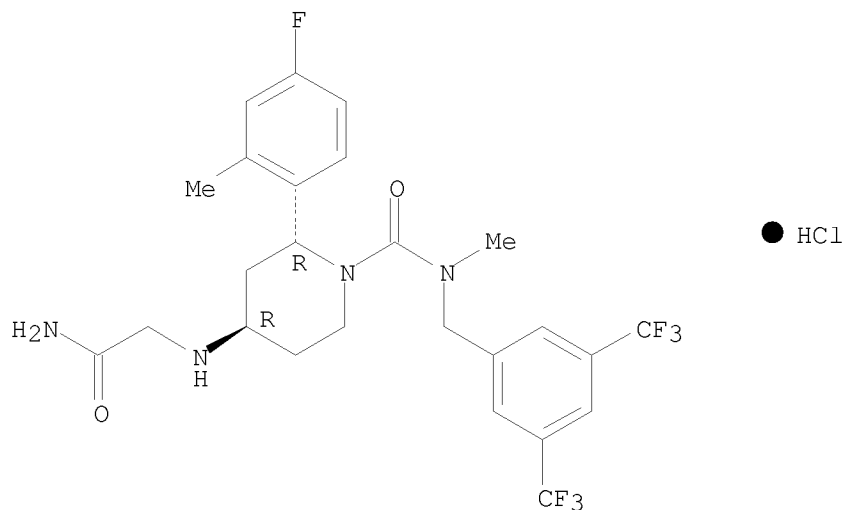


L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, 4-[(2-amino-2-oxoethyl)amino]-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)

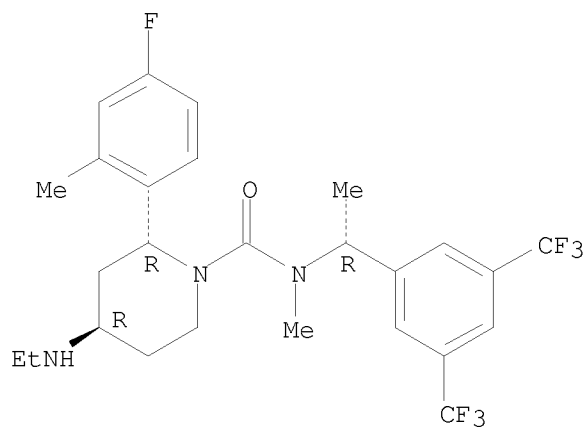
MF C25 H27 F7 N4 O2 . Cl H

Absolute stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(ethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C26 H30 F7 N3 O  
 CI COM

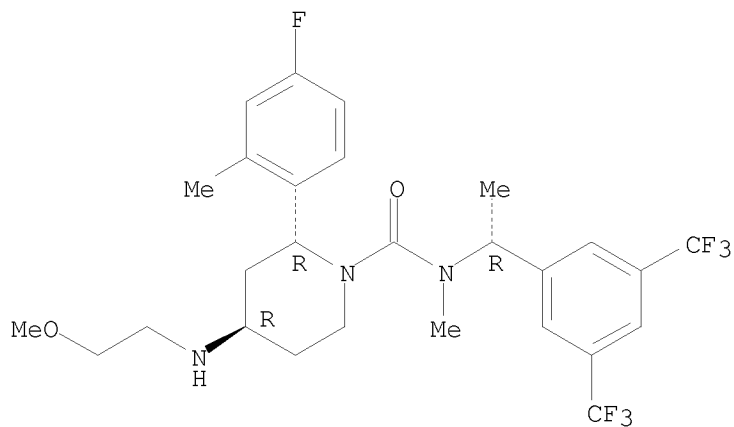
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-4-[(2-methoxyethyl)amino]-N-methyl-, (2R,4R)-  
 MF C27 H32 F7 N3 O2  
 CI COM

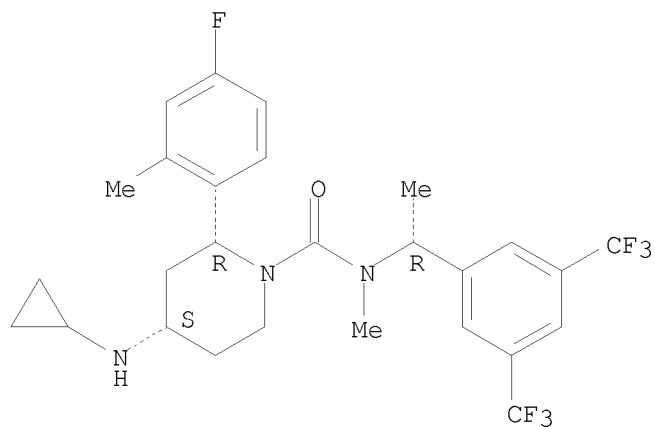
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

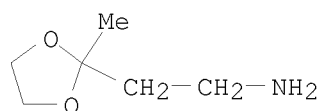
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclopropylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
 MF C27 H30 F7 N3 O  
 CI COM

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

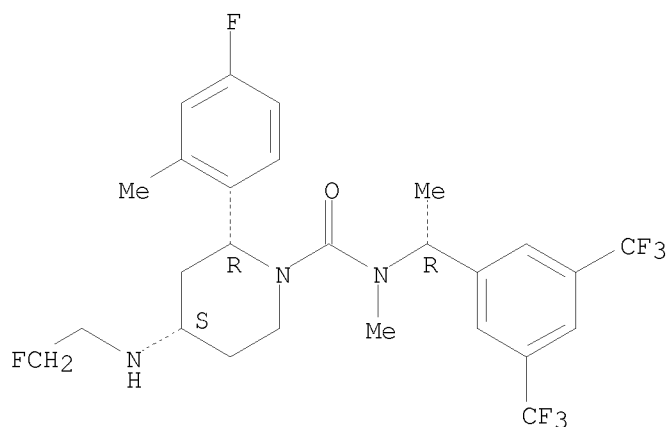
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1,3-Dioxolane-2-ethanamine, 2-methyl-  
 MF C6 H13 N O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
hyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
monohydrochloride, (2R,4S)- (9CI)  
MF C26 H29 F8 N3 O . Cl H

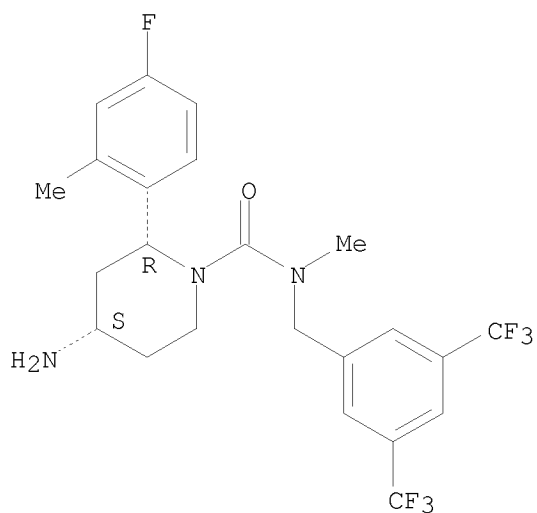
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-  
bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
(2R,4S)-rel-  
MF C23 H24 F7 N3 O  
CI COM

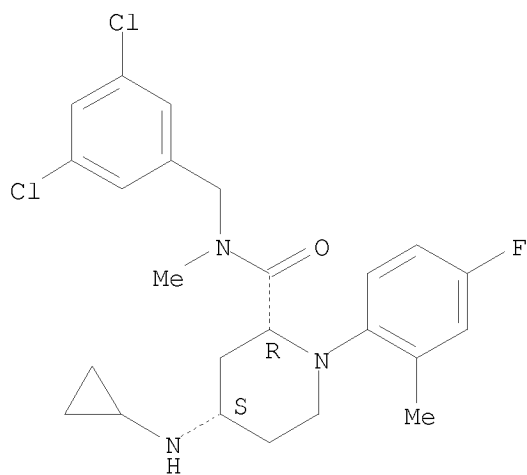
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, 4-(cyclopropylamino)-N-[(3,5-dichlorophenyl)methyl]-1-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-rel-  
 MF C24 H28 Cl2 F N3 O  
 CI COM

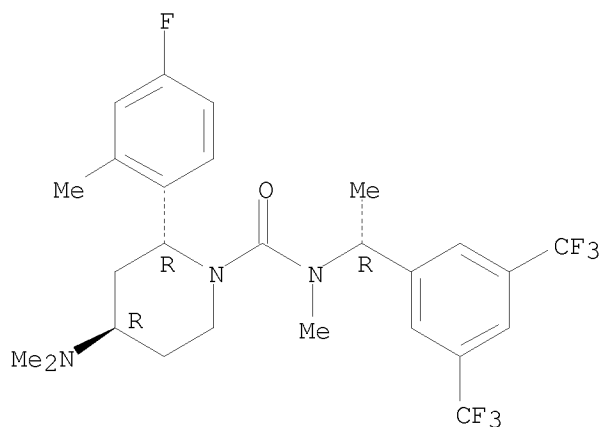
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[(3,5-bis(trifluoromethyl)phenyl)ethyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-rel-  
 MF C26 H30 F7 N3 O  
 CI COM

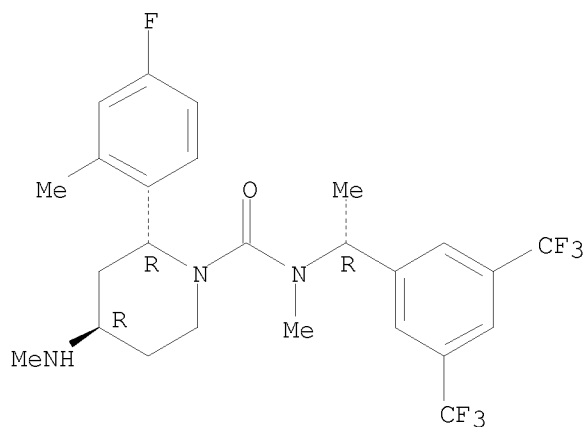
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, (2R,4R)-  
 MF C25 H28 F7 N3 O  
 CI COM

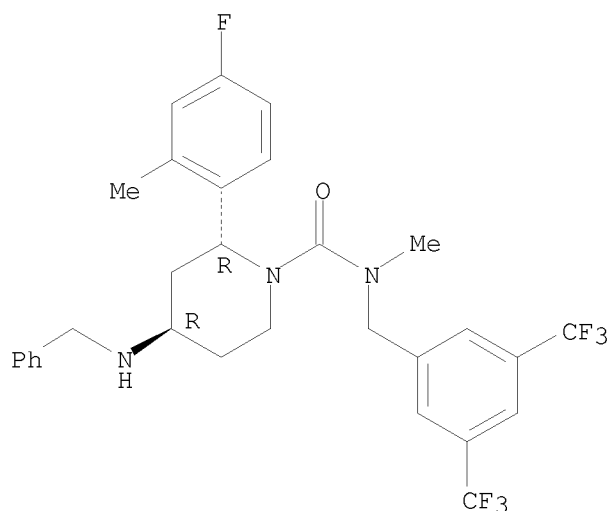
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-[(phenylmethyl)amino]-, (2R,4R)-rel-  
 MF C30 H30 F7 N3 O

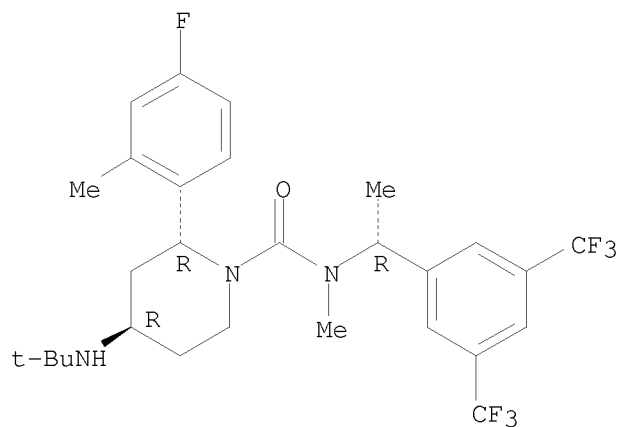
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(1,1-dimethylethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)  
 MF C28 H34 F7 N3 O . Cl H

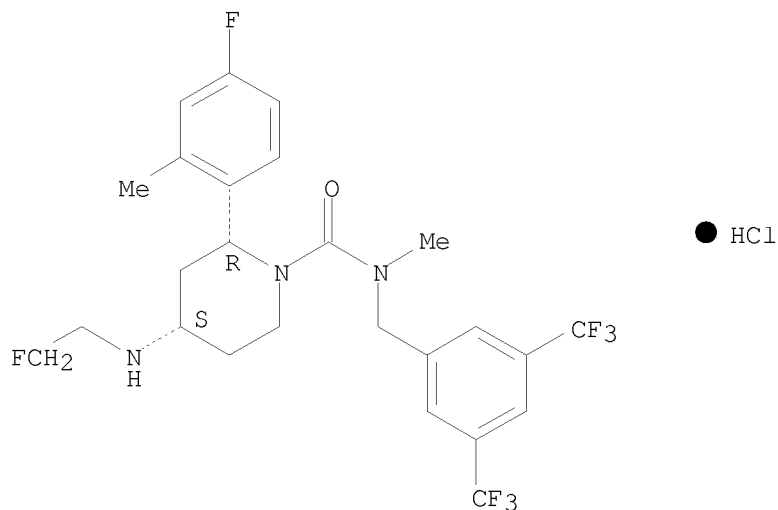
Absolute stereochemistry.



● HCl

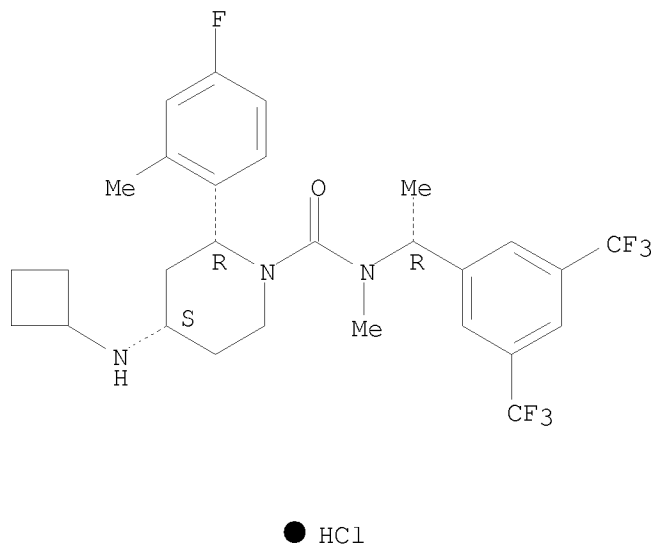
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
 MF C25 H27 F8 N3 O . Cl H

Absolute stereochemistry.



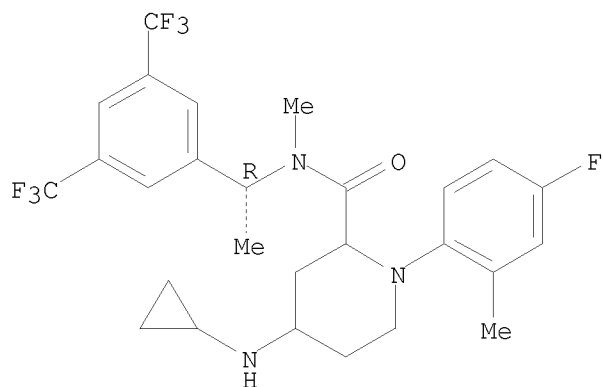
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclobutylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
MF C28 H32 F7 N3 O . Cl H

Absolute stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 2-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclopropylamino)-1-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
MF C27 H30 F7 N3 O  
CI COM

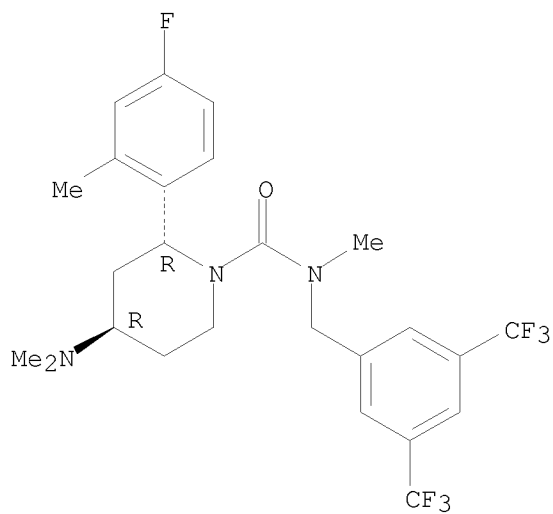
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C25 H28 F7 N3 O  
 CI COM

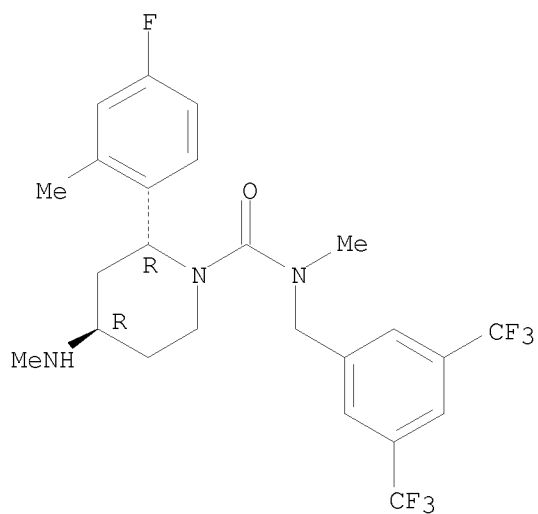
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(dimethylamino)-, (2R,4R)-rel-  
 MF C24 H26 F7 N3 O  
 CI COM

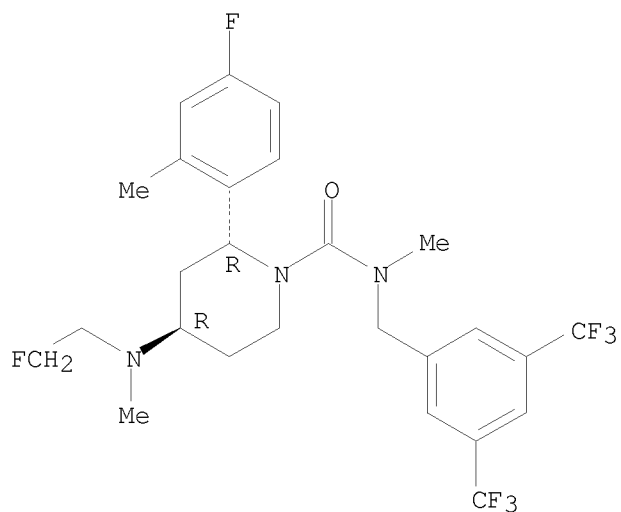
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
[(2-fluoroethyl)methylamino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
(2R,4R)-  
MF C26 H29 F8 N3 O  
CI COM

Absolute stereochemistry.

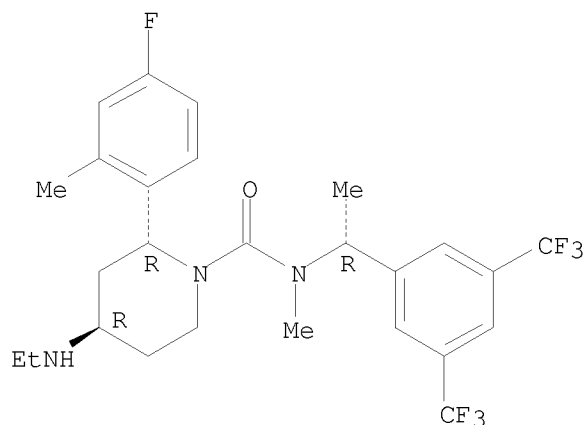


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et

hyl]-4-(ethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C26 H30 F7 N3 O . Cl H

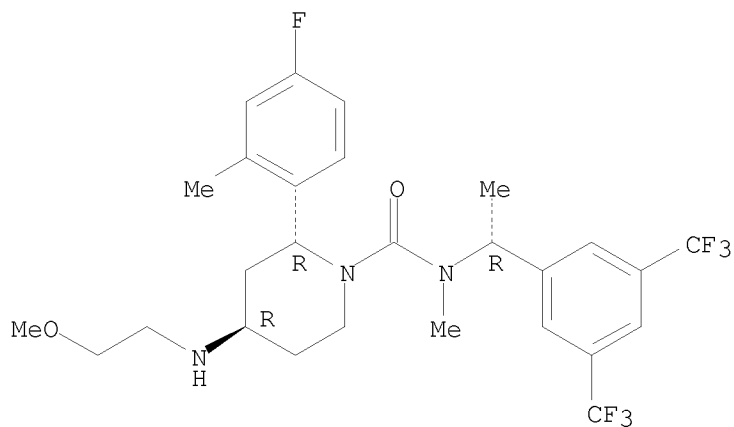
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-2-(4-fluoro-2-methylphenyl)-4-[(2-methoxyethyl)amino]-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C27 H32 F7 N3 O2 . Cl H

Absolute stereochemistry.

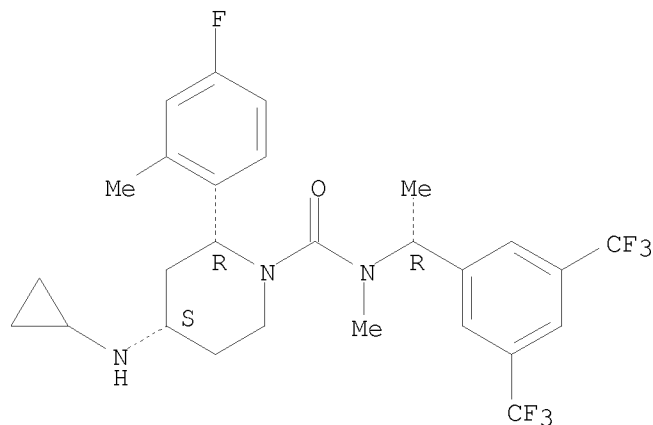


● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclopropylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
 MF C27 H30 F7 N3 O . Cl H

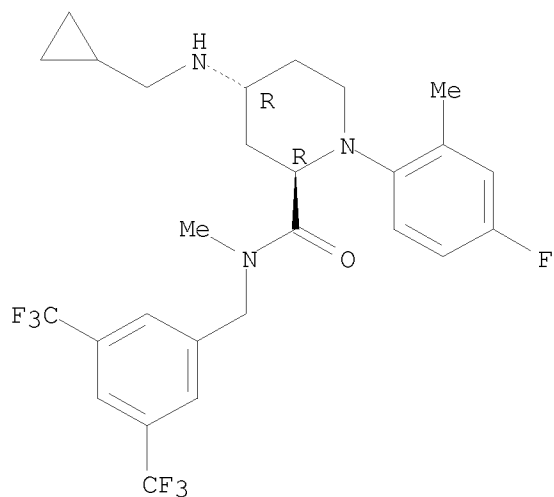
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(cyclopropylmethyl)amino]-1-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-rel-  
 MF C27 H30 F7 N3 O

Relative stereochemistry.

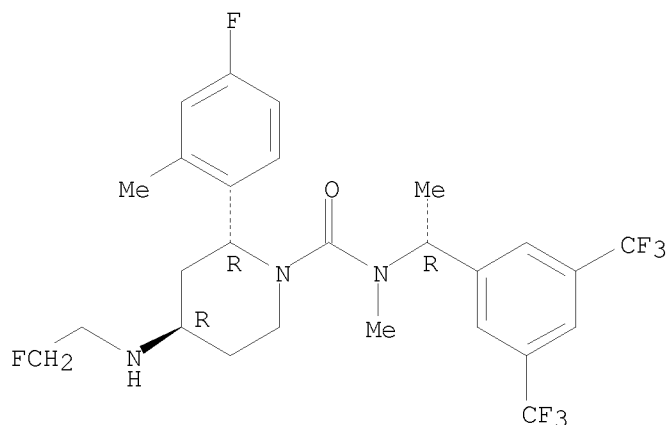


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C26 H29 F8 N3 O  
 CI COM

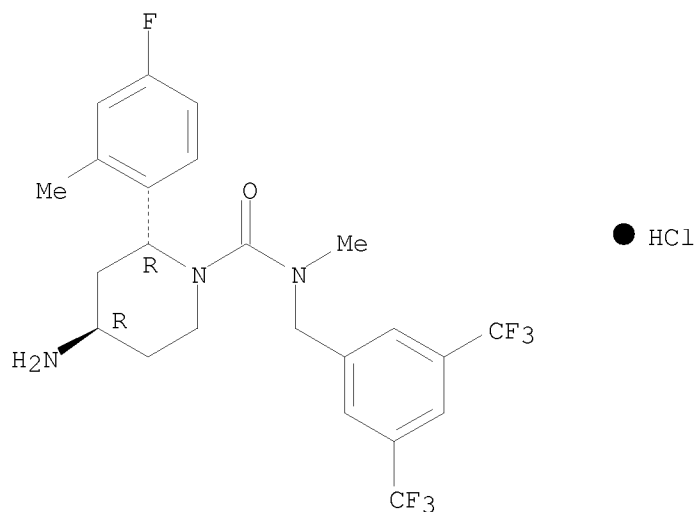
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)-rel- (9CI)  
 MF C23 H24 F7 N3 O . Cl H

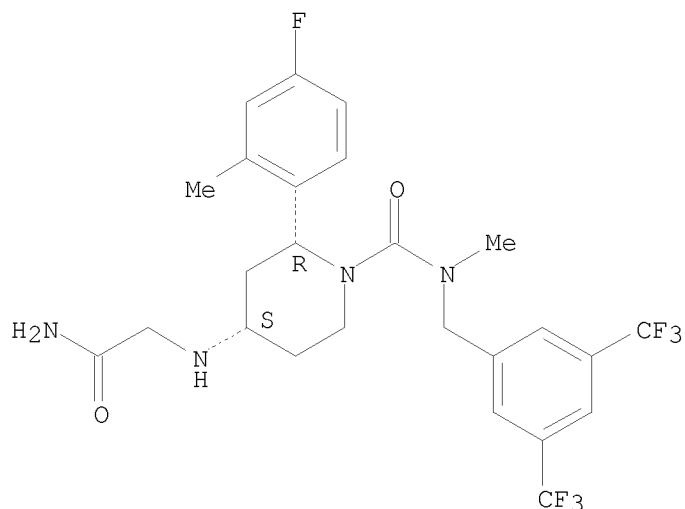
Relative stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-[(2-amino-2-oxoethyl)amino]-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-,

(2R,4S)-  
 MF C25 H27 F7 N4 O2  
 CI COM

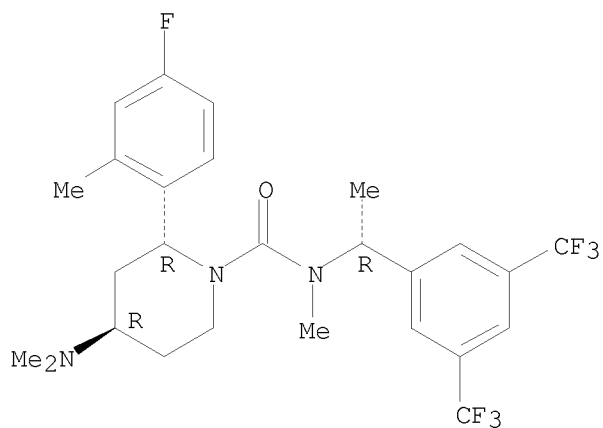
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)  
 MF C26 H30 F7 N3 O . Cl H

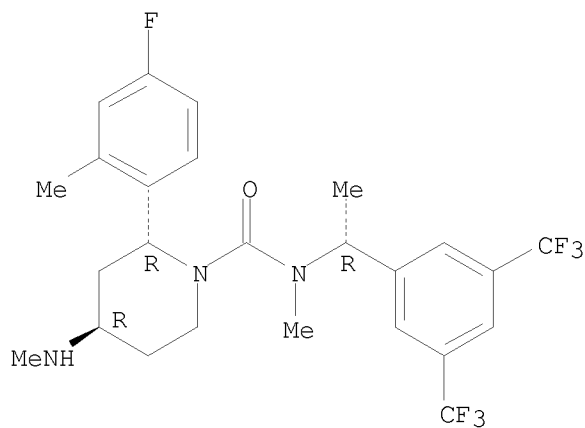
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C25 H28 F7 N3 O . Cl H

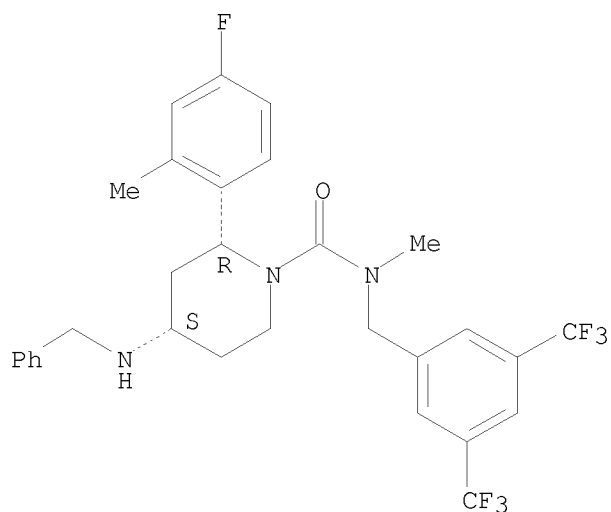
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-  
 (4-fluoro-2-methylphenyl)-N-methyl-4-[(phenylmethyl)amino]-,  
 (2R,4S)-rel-  
 MF C30 H30 F7 N3 O

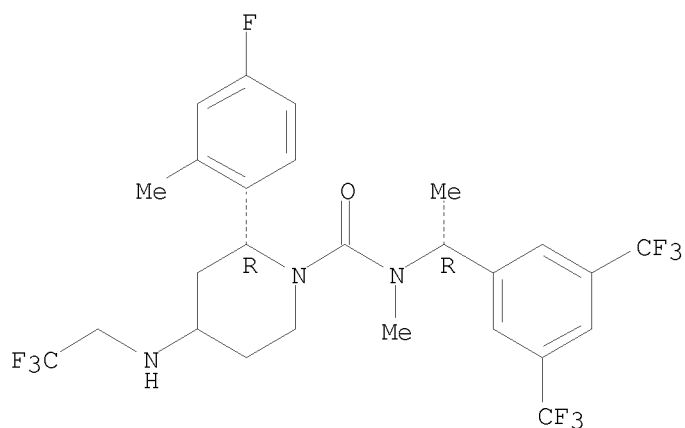
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-[(2,2,2-trifluoroethyl)amino]-, (2R)-  
 MF C26 H27 F10 N3 O  
 CI COM

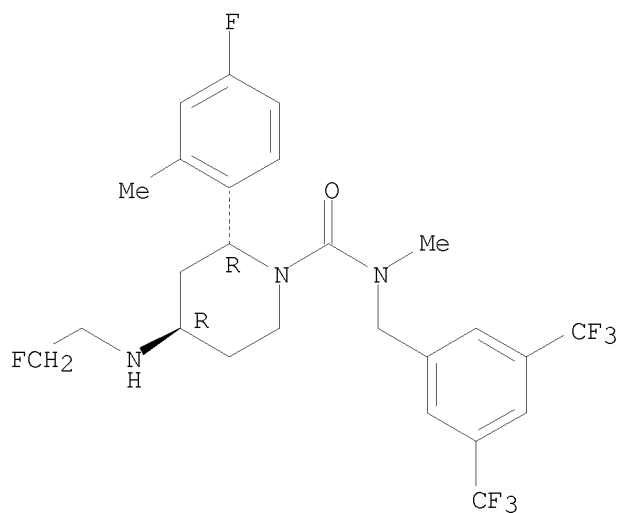
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C25 H27 F8 N3 O  
 CI COM

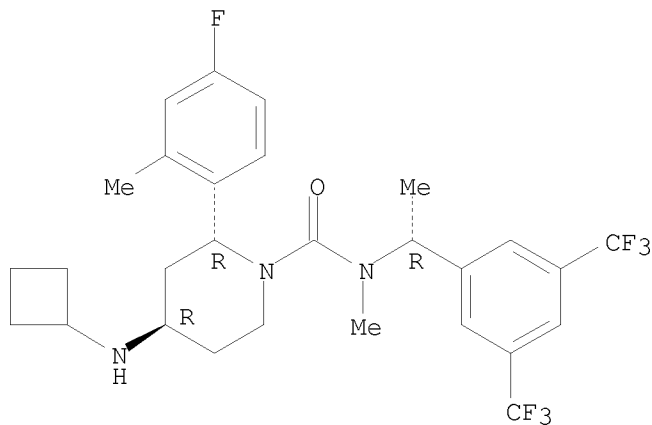
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclobutylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
MF C28 H32 F7 N3 O  
CI COM

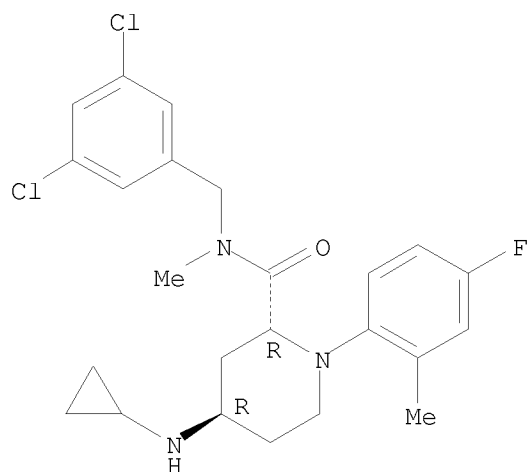
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 2-Piperidinecarboxamide, 4-(cyclopropylamino)-N-[(3,5-dichlorophenyl)methyl]-1-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)-rel- (9CI)  
MF C24 H28 Cl2 F N3 O . Cl H

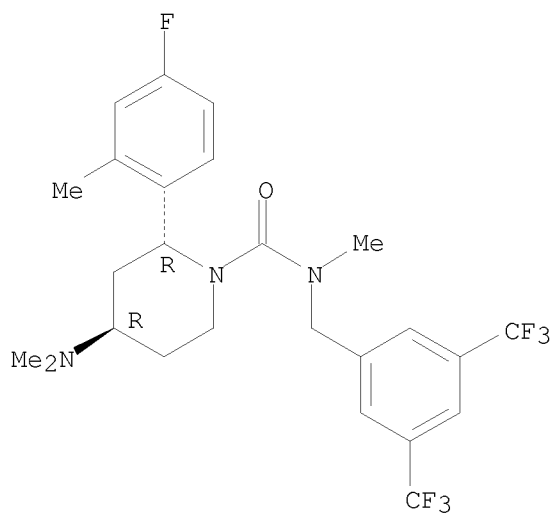
Relative stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)  
 MF C25 H28 F7 N3 O . Cl H

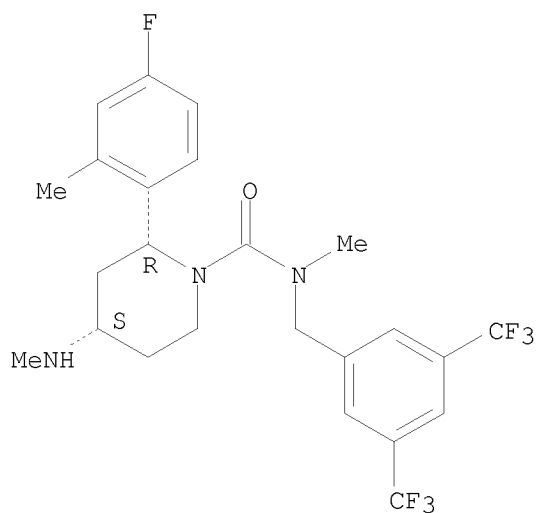
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, (2R,4S)-rel-  
 MF C24 H26 F7 N3 O  
 CI COM

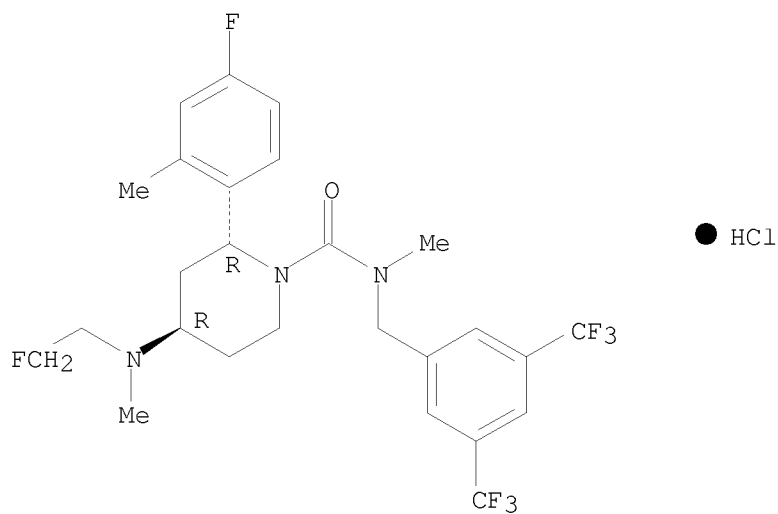
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

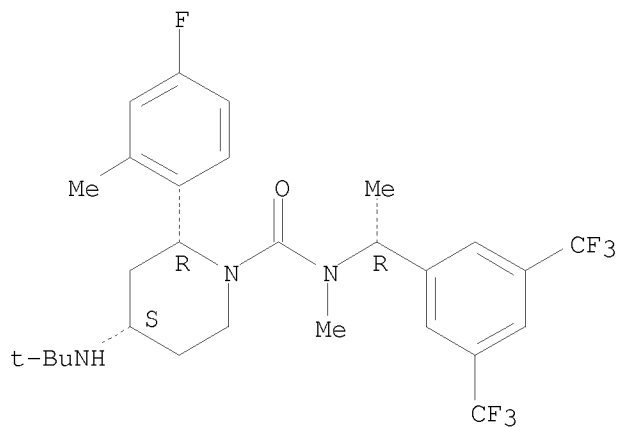
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
 [(2-fluoroethyl)methylamino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C26 H29 F8 N3 O . Cl H

Absolute stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-4-[(1,1-dimethylethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 (2R,4S)-  
 MF C28 H34 F7 N3 O  
 CI COM

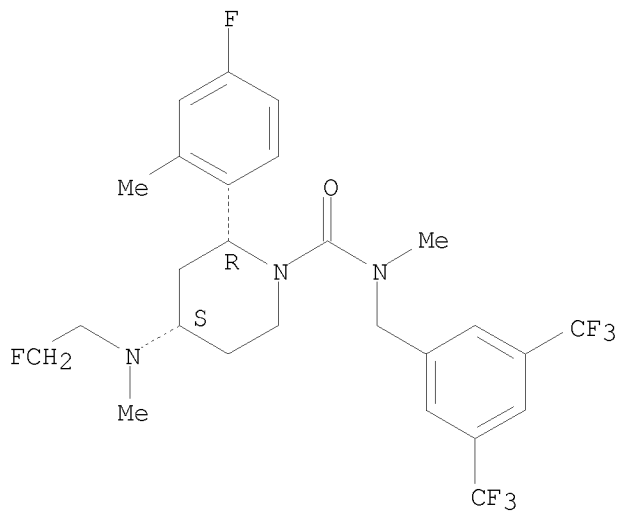
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
 [(2-fluoroethyl)methylamino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 (2R,4S)-  
 MF C26 H29 F8 N3 O  
 CI COM

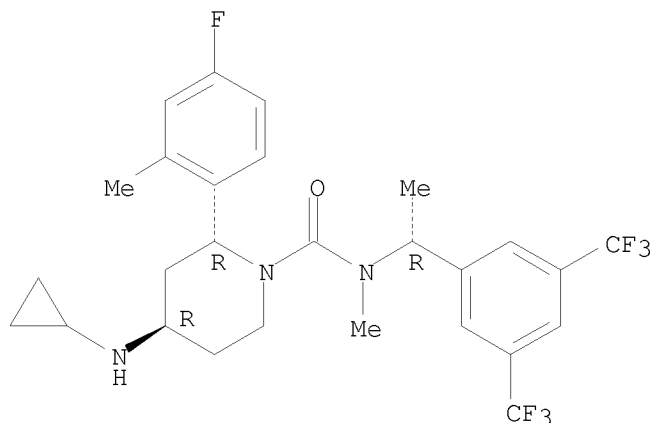
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-4-(cyclopropylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 (2R,4R)-  
 MF C27 H30 F7 N3 O  
 CI COM

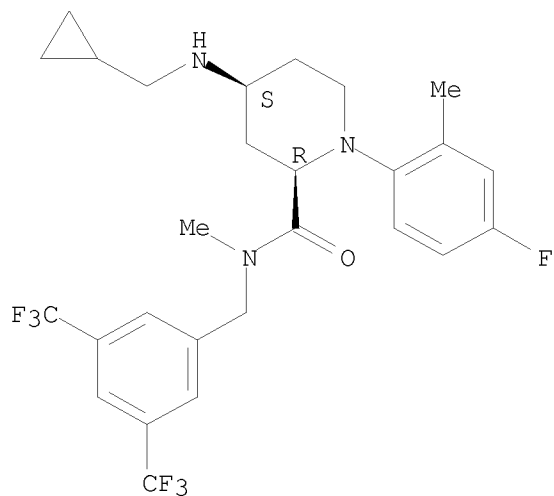
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
 [(cyclopropylmethyl)amino]-1-(4-fluoro-2-methylphenyl)-N-methyl-,  
 (2R,4S)-rel-  
 MF C27 H30 F7 N3 O

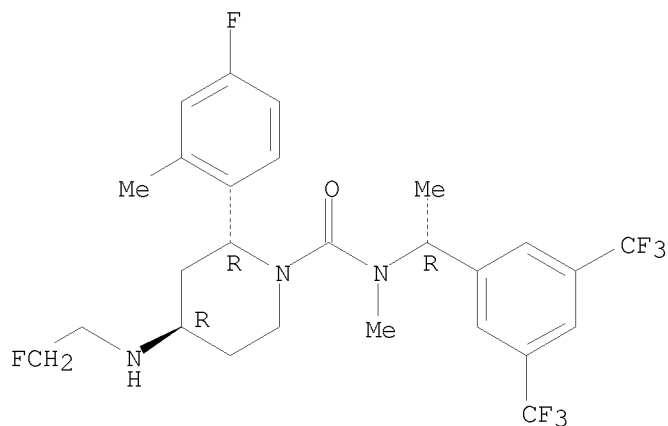
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-4-[(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C26 H29 F8 N3 O . Cl H

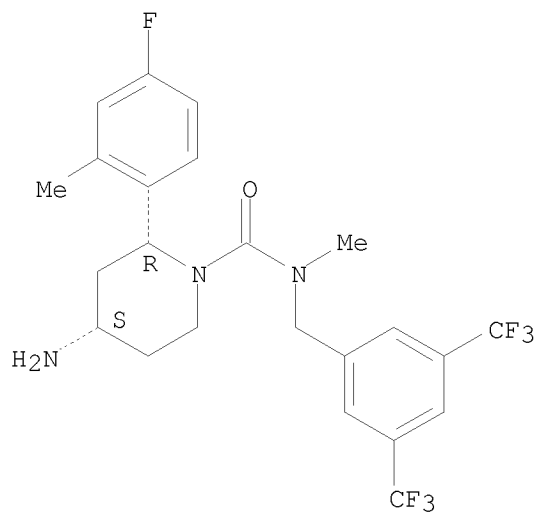
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4S)-rel- (9CI)  
 MF C23 H24 F7 N3 O . Cl H

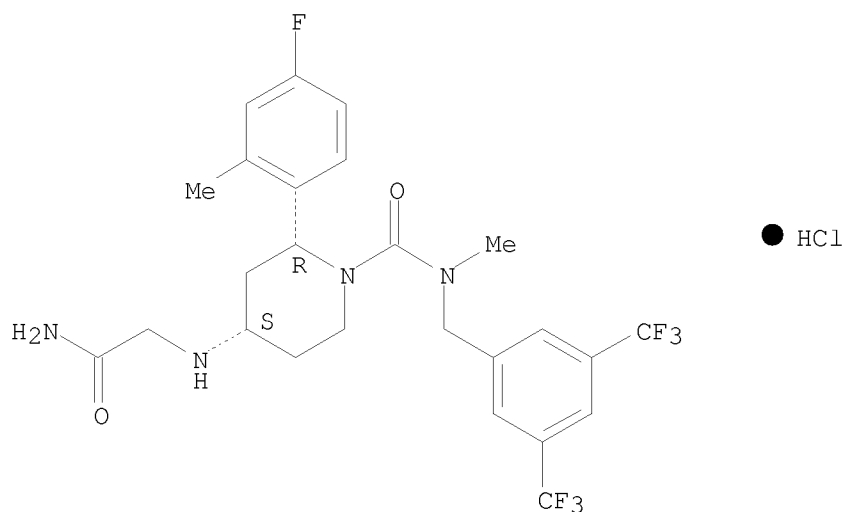
Relative stereochemistry.



● HCl

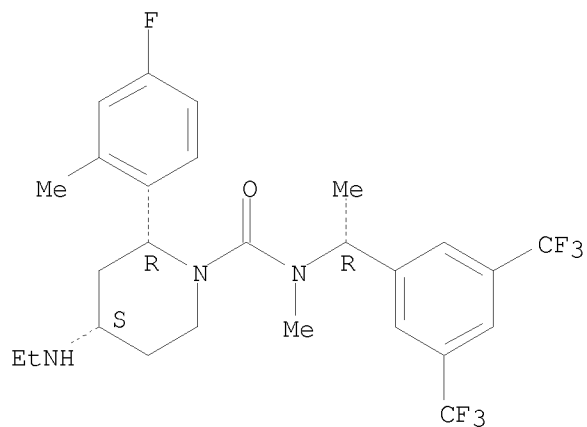
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-[(2-amino-2-oxoethyl)amino]-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4S)- (9CI)  
 MF C25 H27 F7 N4 O2 . Cl H

Absolute stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(ethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
MF C26 H30 F7 N3 O  
CI COM

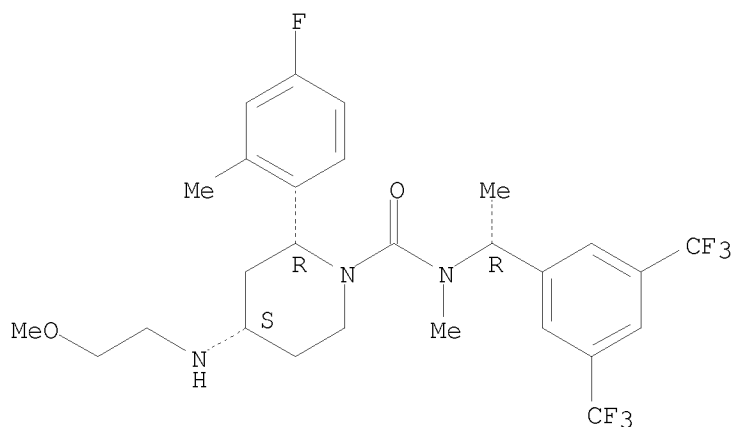
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-4-[(2-methoxyethyl)amino]-N-methyl-, (2R,4S)-  
MF C27 H32 F7 N3 O2  
CI COM

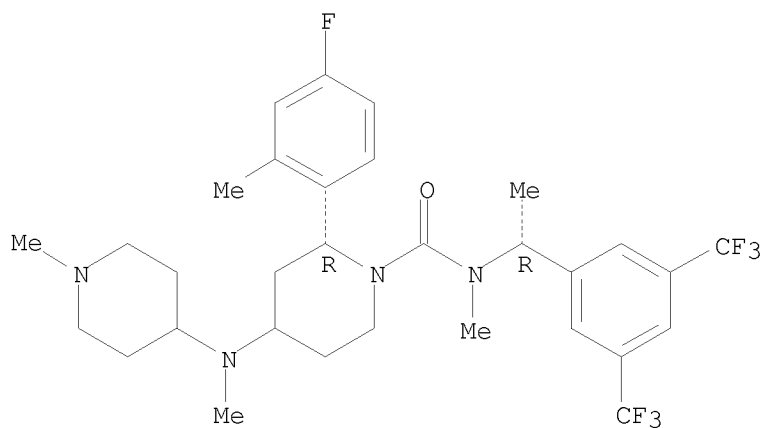
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-[methyl(1-methyl-4-piperidinyl)amino]-, (2R)-  
 MF C31 H39 F7 N4 O  
 CI COM

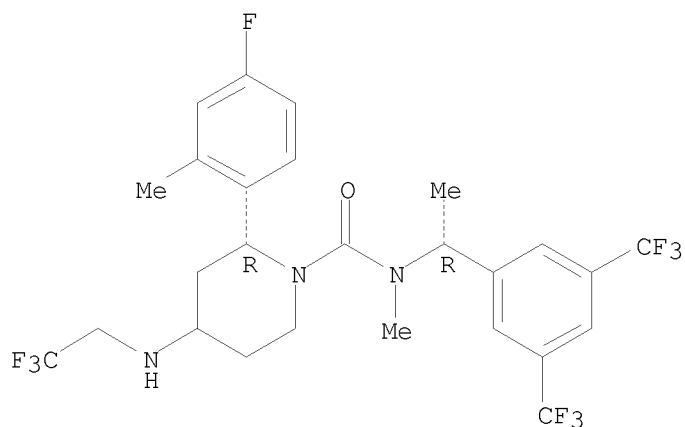
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-[(2,2,2-trifluoroethyl)amino]-, monohydrochloride, (2R)- (9CI)  
 MF C26 H27 F10 N3 O . Cl H

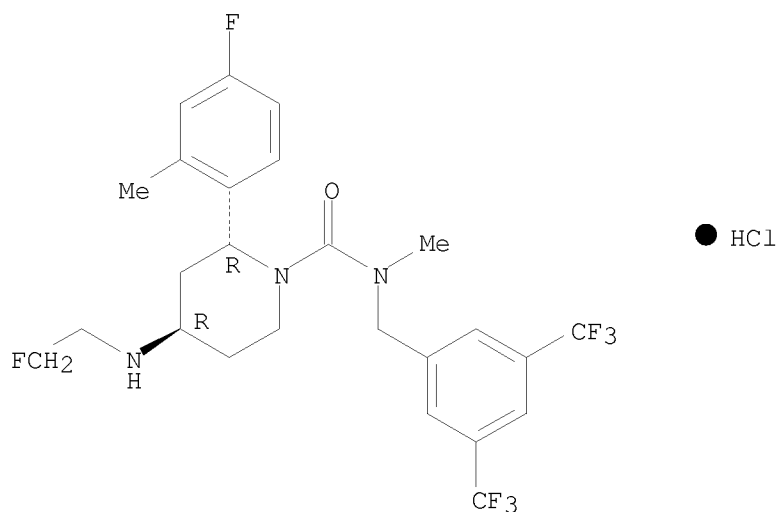
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-  
 [(2-fluoroethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C25 H27 F8 N3 O . Cl H

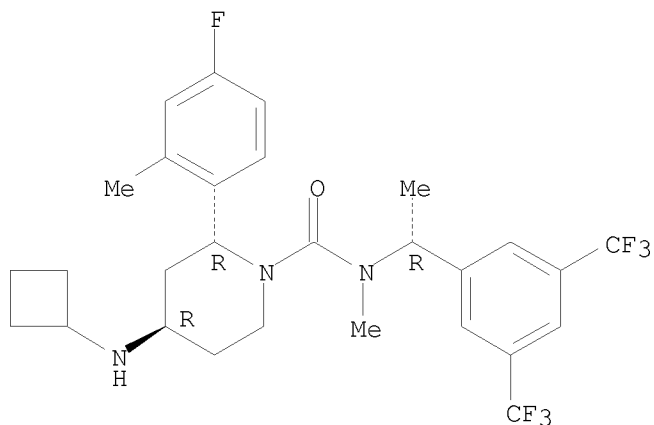
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]et  
 hyl]-4-(cyclobutylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-,  
 monohydrochloride, (2R,4R)- (9CI)  
 MF C28 H32 F7 N3 O . Cl H

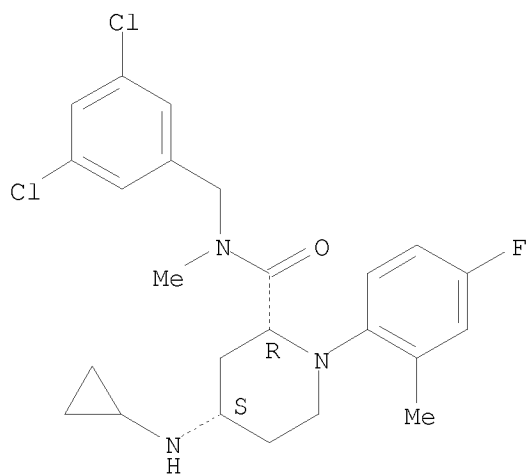
Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, 4-(cyclopropylamino)-N-[(3,5-dichlorophenyl)methyl]-1-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)-rel- (9CI)  
 MF C24 H28 Cl2 F N3 O . Cl H

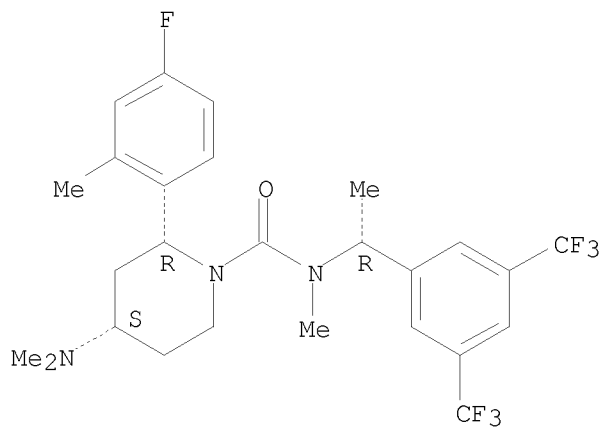
Relative stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
 MF C26 H30 F7 N3 O  
 CI COM

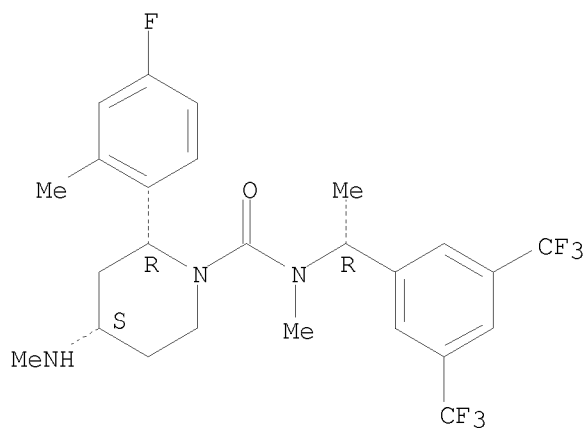
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, (2R,4S)-  
 MF C25 H28 F7 N3 O  
 CI COM

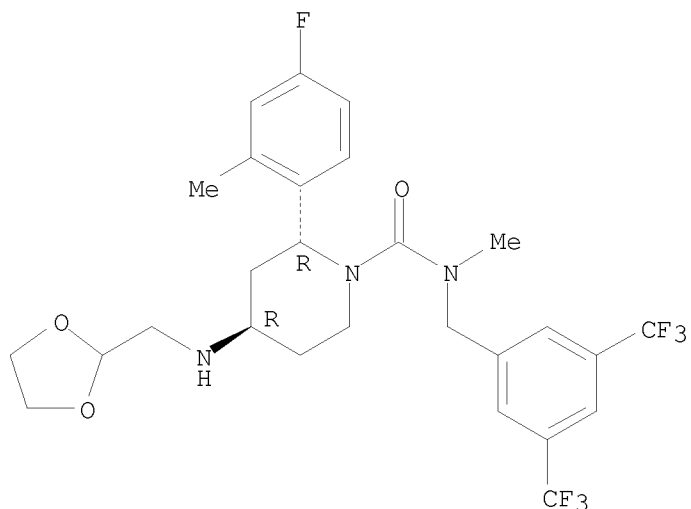
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(1,3-dioxolan-2-ylmethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-rel-  
 MF C27 H30 F7 N3 O3

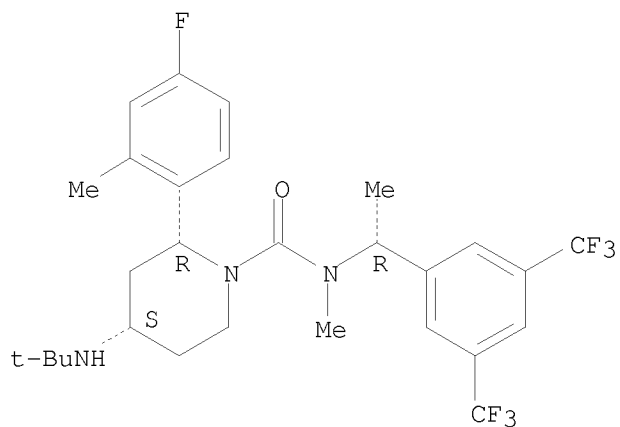
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-[(1,1-dimethylethyl)amino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
 MF C28 H34 F7 N3 O . Cl H

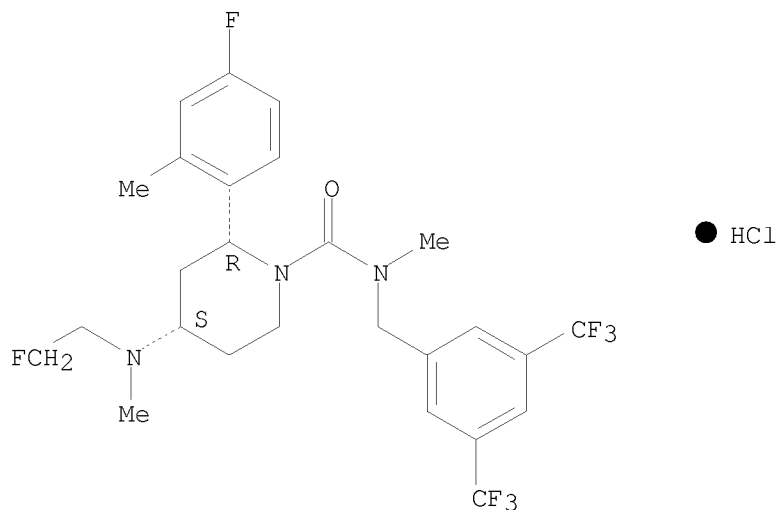
Absolute stereochemistry.



● HCl

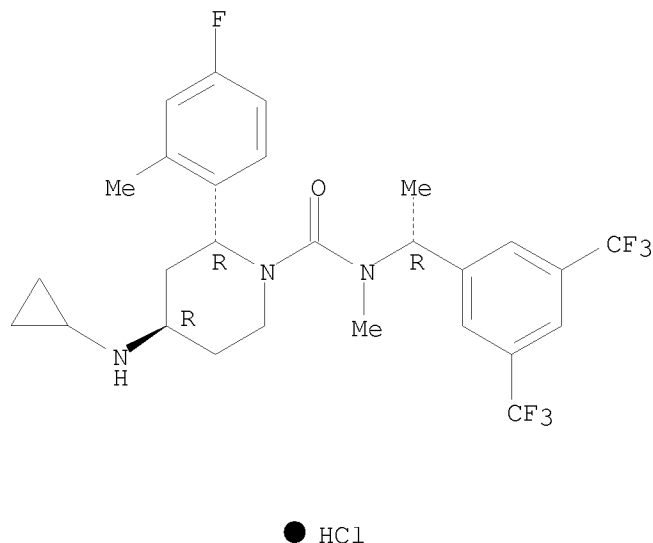
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(2-fluoroethyl)methylamino]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)  
 MF C26 H29 F8 N3 O . Cl H

Absolute stereochemistry.

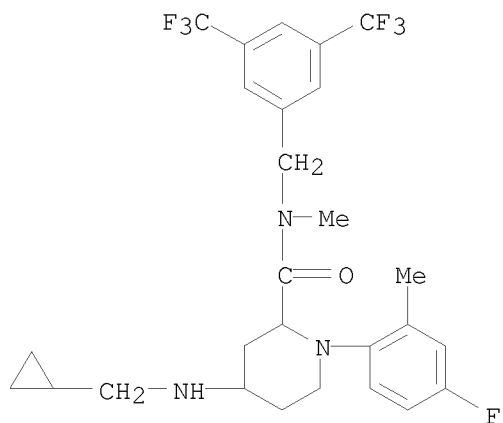


L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(cyclopropylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)  
 MF C27 H30 F7 N3 O . Cl H

Absolute stereochemistry.



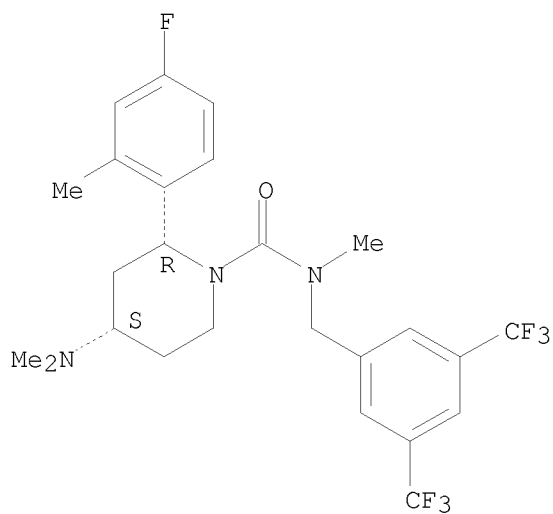
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 2-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-[(cyclopropylmethyl)amino]-1-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI)  
 MF C27 H30 F7 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4S)-  
 MF C25 H28 F7 N3 O  
 CI COM

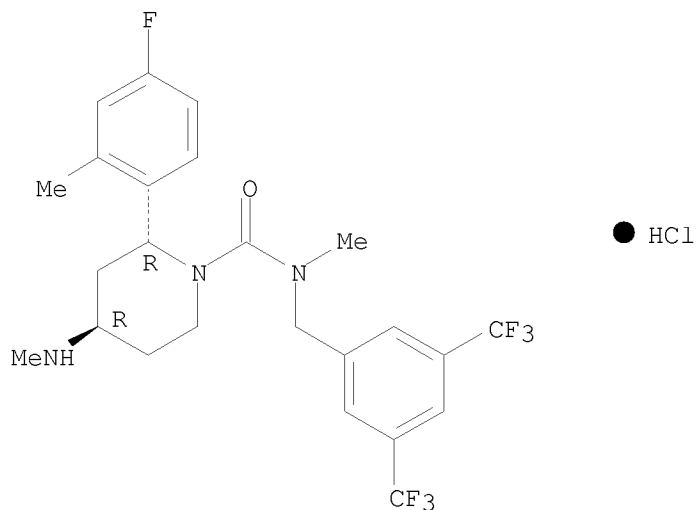
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

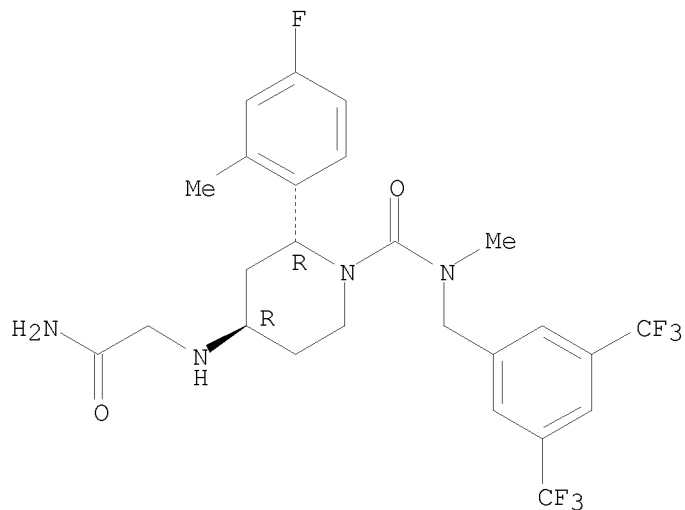
L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, monohydrochloride, (2R,4R)-rel- (9CI)  
 MF C24 H26 F7 N3 O . Cl H

Relative stereochemistry.



L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, 4-[(2-amino-2-oxoethyl)amino]-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, (2R,4R)-  
 MF C25 H27 F7 N4 O2  
 CI COM

Absolute stereochemistry.

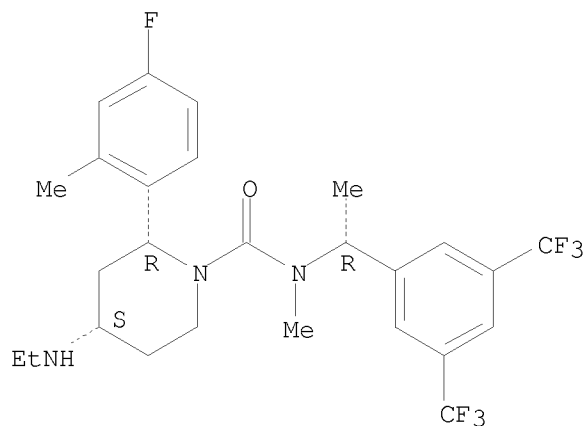


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(ethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI)

MF C26 H30 F7 N3 O . Cl H

Absolute stereochemistry.



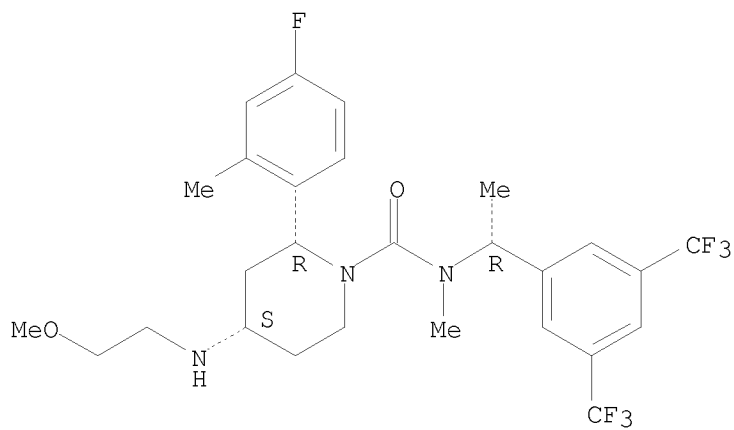
● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-4-[(2-methoxyethyl)amino]-N-methyl-, monohydrochloride, (2R,4S)- (9CI)

MF C27 H32 F7 N3 O2 . Cl H

Absolute stereochemistry.



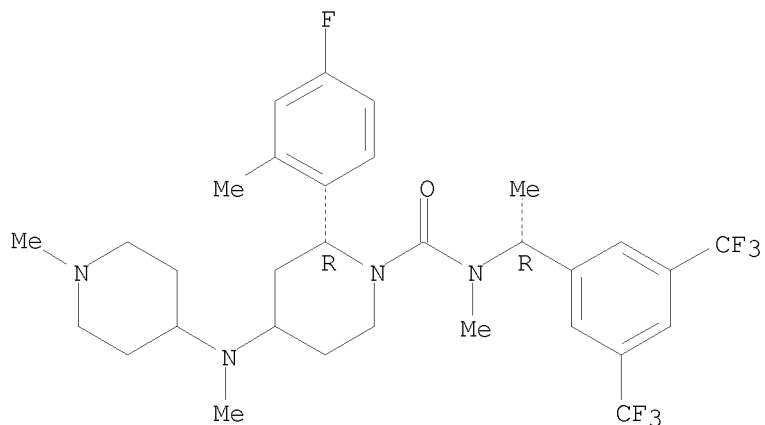
● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-[methyl(1-methyl-4-piperidinyl)amino]-, monohydrochloride, (2R)- (9CI)

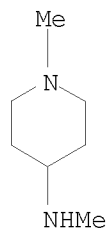
MF C31 H39 F7 N4 O . Cl H

Absolute stereochemistry.



● HCl

L8 75 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
 IN 4-Piperidinamine, N,1-dimethyl-  
 MF C7 H16 N2  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> s 18 not (C6 H13 N O2/mf or C7 H16 N2/mf)  
 1168 C6 H13 N O2/MF  
 547 C7 H16 N2/MF  
 L9 73 L8 NOT (C6 H13 N O2/MF OR C7 H16 N2/MF)

=> fil caplus  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
12.14	68.86

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.60

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FILE LAST UPDATED: 18 Feb 2008 (20080218/ED)

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=> s 19

L10 3 L9

=> s 110 not 11

L11 2 L10 NOT L1

=> d bib abs hitstr 1-2

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:587249 CAPLUS

DN 143:109782

TI Piperidine derivatives and salts as tachykinin receptor-antagonizing agents for treating inflammation, allergy, pain, CNS disease, circulatory disorder and immune disease

IN Takahashi, Masami; Miyake, Tsutomu; Moritani, Yasunori; Asai, Hidetoshi; Ishii, Taketoshi; Kono, Rikako

PA Tanabe Seiyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 188 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 2005179351	A	20050707	JP 2004-341342	20041126
PRAI	JP 2003-398366	A	20031128		

OS MARPAT 143:109782

AB Provided are compns. comprising piperidine derivs. or their pharmaceutically suitable salts. These piperidine derivs. are useful as tachykinin receptor antagonists (e.g. neurokinin-1 receptor binding inhibitors) and for treating inflammation, allergy, pain, migraine, neuronal pain, itching, cough, CNS disease, digestive system disease, nausea, vomiting, abnormal urinary frequency, circulatory disorder and immune disease.

IT 578711-18-9

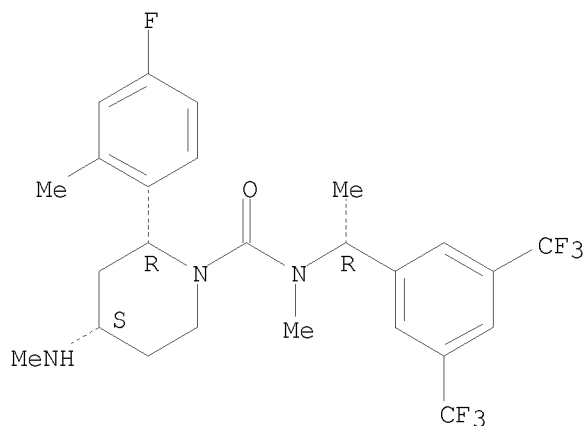
RL: RCT (Reactant); RACT (Reactant or reagent)

(piperidine derivs. and salts as tachykinin receptor-antagonizing agents for treating inflammation, allergy, pain, CNS disease, circulatory disorder and immune disease)

RN 578711-18-9 CAPLUS

CN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, (2R,4S)- (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:950997 CAPLUS

DN 140:16648

TI Preparation of N-(arylmethoxycarbonyl)- and N-(arylmethylaminocarbonyl)piperidines as substance P receptor antagonists  
IN Takahashi, Masami; Miyake, Tsutomu; Moritani, Yasunori; Asai, Hidetoshi; Ishii, Taketoshi; Kono, Rikako

PA Tanabe Seiyaku Co., Ltd., Japan

SO PCT Int. Appl., 307 pp.

CODEN: PIXXD2

DT Patent

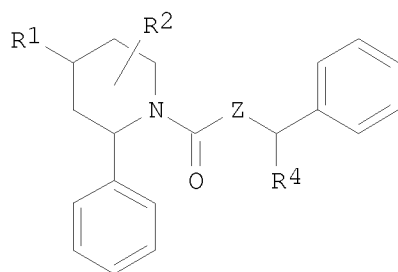
LA English

FAN.CNT 1

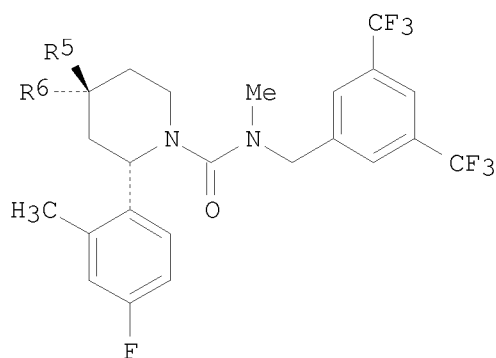
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PI	WO 2003099787	A1	20031204	WO 2003-JP6720	20030529
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	JP 2004143139	A	20040520	JP 2003-148644	20030527
	CA 2487306	A1	20031204	CA 2003-2487306	20030529
	AU 2003240015	A1	20031212	AU 2003-240015	20030529
	AU 2003240015	B2	20080103		
	BR 2003011410	A	20050315	BR 2003-11410	20030529
	EP 1513814	A1	20050316	EP 2003-733139	20030529
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN	1656071	A	20050817	CN	2003-812260	20030529
NZ	537185	A	20070223	NZ	2003-537185	20030529
RU	2294927	C2	20070310	RU	2004-138594	20030529
MX	2004PA11764	A	20050331	MX	2004-PA11764	20041126
ZA	2004009729	A	20060726	ZA	2004-9729	20041201
NO	2004005508	A	20050214	NO	2004-5508	20041216
IN	2004CN02950	A	20060217	IN	2004-CN2950	20041227
US	2005239829	A1	20051027	US	2005-515845	20050613
PRAI	JP 2002-155744	A	20020529			
	US 2002-395342P	P	20020712			
	JP 2002-248755	A	20020828			
	US 2002-409595P	P	20020911			
	WO 2003-JP6720	W	20030529			
OS	MARPAT 140:16648					
GI						



I



II

AB N-(arylmethoxycarbonyl)- and N-(arylmethylaminocarbonyl)piperidines I [R1 = alkyl, (un)substituted hydroxy, mercapto, carbonyl, sulfinyl, sulfonyl, R11R12N; R2 = H, halogen, (un)substituted hydroxy, amino, alkyl, or carbonyl group; R3, R4 = H, (un)substituted alkyl; R11, R12 = H, (un)substituted carbonyl, sulfonyl, alkyl, heterocyclyl (containing 1-4 nitrogen, oxygen, or sulfur atoms); R11R12N may form an (un)substituted heterocyclyl moiety from the list of piperidinyl, hexahydroazepinyl, pyrrolidinyl, imidazolidinyl, hexahydropyrimidinyl, thiazolidinyl, morpholinyl, triazolyl, tetrazolyl, purinyl; Z = O, NR3; both of the explicit Ph rings may be substituted] such as II are prepared as tachykinin receptor antagonists (and particularly substance P receptor antagonists) for the treatment of inflammation, allergies, pain, nausea, central

nervous system and digestive diseases, and urinary and immune disorders. Addition of 4-fluoro-2-methylphenylmagnesium bromide to 4-methoxypyridine followed by acylation with benzyloxycarbonyl chloride, reduction of the dihydropiperidone with zinc and acetic acid, protection of the ketone as the di-Me acetal, reduction of the benzyloxycarbonyl group with hydrogen in the presence of palladium on carbon, addition of 3,5-(F<sub>3</sub>C)<sub>2</sub>C<sub>6</sub>H<sub>3</sub>CH<sub>2</sub>NHMe to 1,1'-carbonylimidazole followed by addition of the piperidine, acid cleavage of the acetal, and reduction of the ketone, gives a mixture of the racemic piperidinols II (R<sub>5</sub> = H, HO; R<sub>6</sub> = HO, H). Approx. 500 example compds. are prepared (no biol. data).

IT 578710-93-7P 578710-95-9P 578710-97-1P  
578710-99-3P 578711-15-6P 578711-17-8P  
578711-23-6P 578711-24-7P

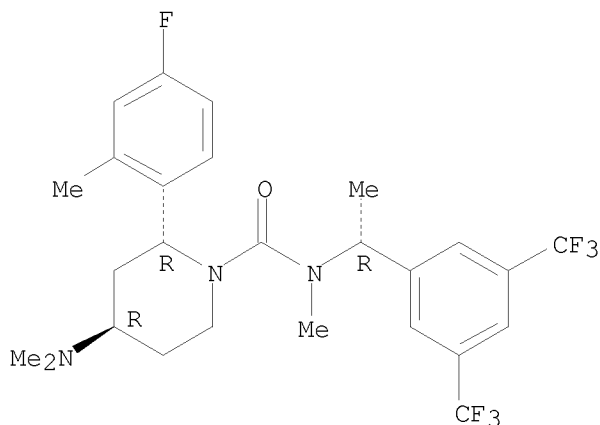
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(title compound; preparation of N-(arylmethoxycarbonyl)- and N-(arylmethylaminocarbonyl)piperidines as substance P receptor antagonists for the treatment of inflammation and conditions such as urinary disorders)

RN 578710-93-7 CAPLUS

CN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

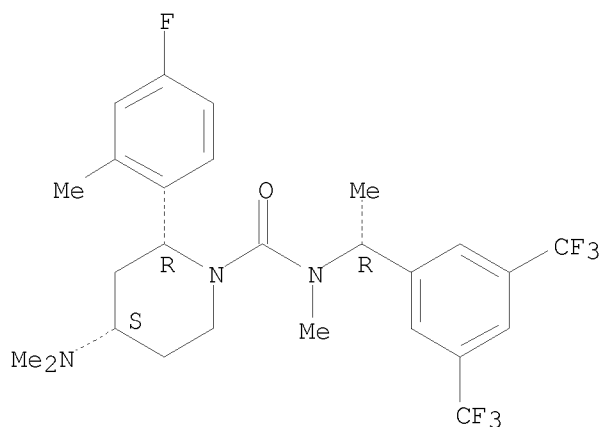


● HCl

RN 578710-95-9 CAPLUS

CN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI) (CA INDEX NAME)

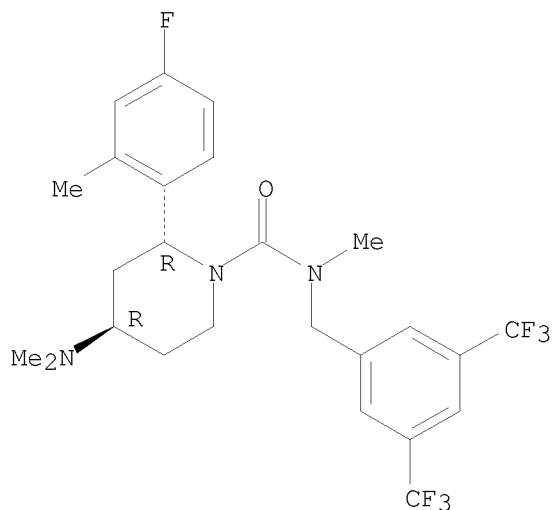
Absolute stereochemistry.



● HCl

RN 578710-97-1 CAPLUS  
 CN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)- (9CI) (CA INDEX NAME)

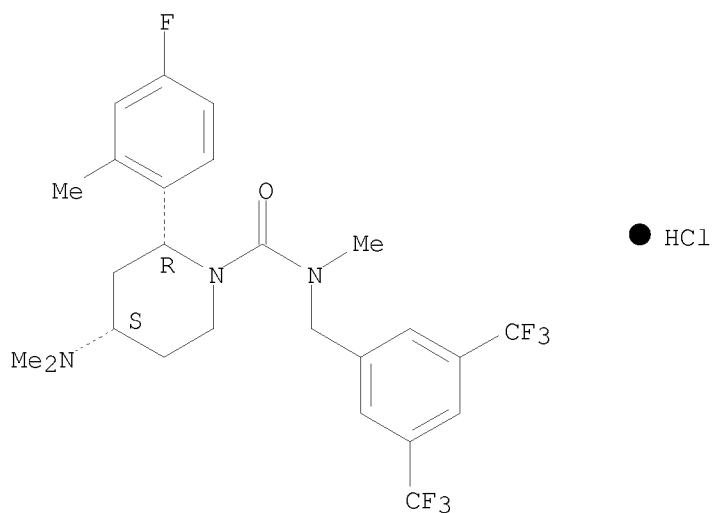
Absolute stereochemistry.



● HCl

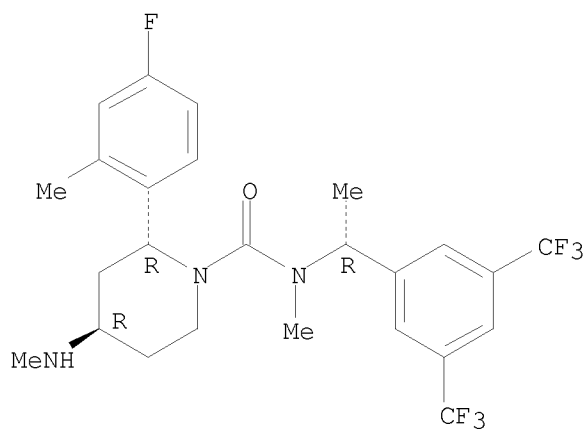
RN 578710-99-3 CAPLUS  
 CN 1-Piperidinecarboxamide, N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-4-(dimethylamino)-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



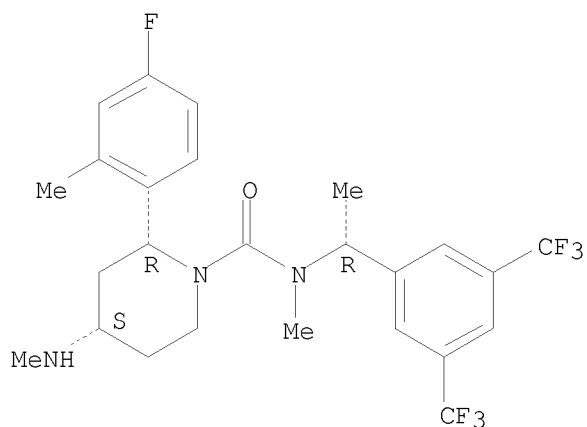
RN 578711-15-6 CAPLUS  
 CN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-  
 2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, monohydrochloride,  
 (2R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 578711-17-8 CAPLUS  
 CN 1-Piperidinecarboxamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-  
 2-(4-fluoro-2-methylphenyl)-N-methyl-4-(methylamino)-, monohydrochloride,  
 (2R,4S)- (9CI) (CA INDEX NAME)

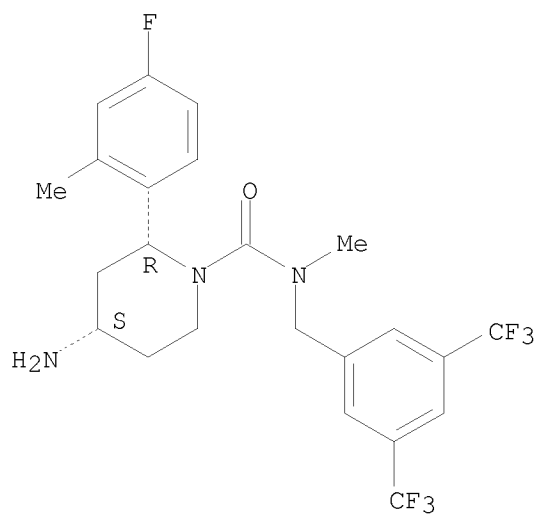
Absolute stereochemistry.



● HCl

RN 578711-23-6 CAPLUS  
 CN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4S)-rel- (9CI) (CA INDEX NAME)

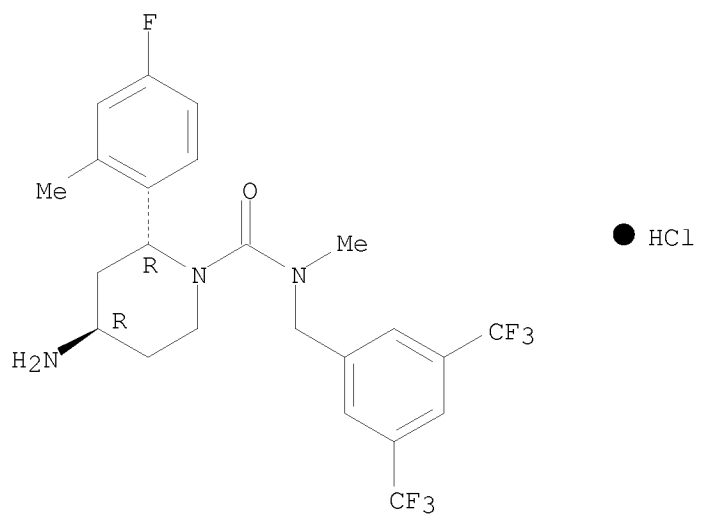
Relative stereochemistry.



● HCl

RN 578711-24-7 CAPLUS  
 CN 1-Piperidinecarboxamide, 4-amino-N-[[3,5-bis(trifluoromethyl)phenyl]methyl]-2-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (2R,4R)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT